

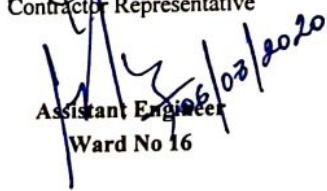
BRUHAT BANGALORE MAHANAGARA PALIKE										
Name of Work:-Maintenance of Burial Ground In Bahubali Nagar In Ward No 16, BBMP,										
Measurement Sheet										
First and Final										
Item No:	I									
Item Name:	KSRB 2-2 : Earthwork excavation by manual means in Ordinary Soil for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications.									
	CHAINAGE		NO	L (m)	B (m)	BI (m)	Avg B (m)	D (m)	QTY	REMARKS
	Land Mark									
	For Foundation Compound Wall									
	0.00	30.00	1	30.00	1.00	1.00	1.00	1.25	37.50	} 54.5 m 12/1/20
	30.00	60.00	1	30.00	1.00	1.00	1.00	1.35	40.50	
	60.00	87.00	1	27.00	1.00	1.00	1.00	1.30	35.10	
	0.00	30.00	1	30.00	1.00	1.00	1.00	1.20	36.00	
	30.00	60.00	1	30.00	1.00	1.00	1.00	1.25	37.50	
	60.00	64.70	1	4.70	1.00	1.00	1.00	1.20	5.64	
	0.00	13.40	1	13.40	1.00	1.00	1.00	1.35	18.09	
	0.00	12.00	1	12.00	1.00	1.00	1.00	1.10	13.20	
	0.00	22.00	1	22.00	1.00	1.00	1.00	1.20	26.40	
	Site Cleaning									
			1	89.00	65.00	65.00	65.00	0.40	2314.00	
Total Qty Work Done									2563.93	Cum
Qty Payable in this bill									2559.00	Cum

Contractor Representative

Assistant Engineer
Ward No 16

Asst. Executive Engineer
Yeshwanthapura sub division
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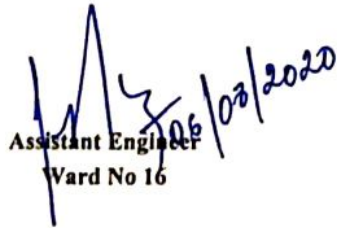
BRUHAT BANGALORE MAHANAGARA PALIKE										
Name of Work:-Maintenance of Burial Ground In Bahubali Nagar In Ward No 16, BBMP,										
Measurement Sheet										
First and Final										
Item No:	2 ✓									
Item Name:	Providing and laying in position plain cement concrete of mix M10 with OPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @ 0.56cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications.Complete as per the direction of Engineer in Charge with all lead									
	CHAINAGE		L	B	BI	Avg B	D	QTY	REMARKS	
	Land Mark	NO	(m)	(m)	(m)	(m)	(m)			
	For Foundation Compound Wall									
	0.00	30.00	1	30.00	1.00	1.00	1.00	0.15	4.50	
	30.00	60.00	1	30.00	1.00	1.00	1.00	0.15	4.50	
	60.00	87.00	1	27.00	1.00	1.00	1.00	0.15	4.05	
	0.00	30.00	1	30.00	1.00	1.00	1.00	0.15	4.50	
	30.00	60.00	1	30.00	1.00	1.00	1.00	0.15	4.50	
	60.00	64.70	1	4.70	1.00	1.00	1.00	0.15	0.71	
	0.00	13.40	1	13.40	1.00	1.00	1.00	0.15	2.01	
	0.00	12.00	1	12.00	1.00	1.00	1.00	0.15	1.80	
	0.00	22.00	1	22.00	1.00	1.00	1.00	0.15	3.30	
	Total Qty Work Done								29.87 ✓	Cum
	Qty Payable in this bill								29.87 ✓	Cum

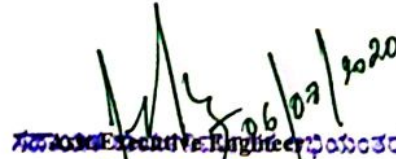

 Contractor Representative

 Assistant Engineer
 Ward No 16


 Asst. Executive Engineer
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 Yeshwanthapura sub division
 ಯಶವಂತಪುರ ಉಪ ವಿಭಾಗ
 ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

BRUHAT BANGALORE MAHANAGARA PALIKE										
Name of Work:-Maintenance of Burial Ground In Bahubali Nagar In Ward No 16, BBMP,										
Measurement Sheet										
First and Final										
Item No:	3									
Item Name:	Providing and laying in position plain cement concrete of mix M20 with cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift									
	CHAINAGE		NO	L (m)	B (m)	BI (m)	Avg B (m)	D (m)	QTY	REMARKS
	Land Mark									
	For Plinth									
	0.00	30.00	1	30.00	0.45	0.45	0.45	0.15	2.03	
	30.00	60.00	1	30.00	0.45	0.45	0.45	0.15	2.03	
	60.00	87.00	1	27.00	0.45	0.45	0.45	0.15	1.82	
	0.00	30.00	1	30.00	0.45	0.45	0.45	0.15	2.03	
	30.00	60.00	1	30.00	0.45	0.45	0.45	0.15	2.03	
	60.00	64.70	1	4.70	0.45	0.45	0.45	0.15	0.32	
	0.00	13.40	1	13.40	0.45	0.45	0.45	0.15	0.90	
	0.00	12.00	1	12.00	0.45	0.45	0.45	0.15	0.81	
	0.00	22.00	1	22.00	0.45	0.45	0.45	0.15	1.49	
	For Footing									
			38	0.90	0.90	0.90	0.90	0.90	27.70	
	For Columns									
			38	0.23	0.45	0.45	0.45	2.50	9.83	
Total Qty Work Done									50.97	Cum
Qty Payable in this bill									50.97	Cum


Contractor Representative


Assistant Engineer
Ward No 16


Executive Engineer
Yeshwanthapura sub division
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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Maintenance of Burial Ground In Bahubali Nagar In Ward No 16, BBMP,

Measurement Sheet

First and Final

No: 4

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ie:**

Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Complete as per the direction of Engineer In Charge with all lead and Lift

Pre measurement of Steel

1 no	Dia of Bar In mm	Side	Spacing of Bar	Nos	Length of Bar In mtr	Total Length of Bar In mtr	Type of Bar	Standard Weight per Meter In kgs	Weight of Steel In kgs	Remarks
For plinth										
1	8	1	100mm C/C	1991	1.10	2190.10	Stirrups	0.395	865.22	
2	12	1		6	199.10	1194.60	Main Bar	0.889	1061.87	
For Footing										
1	12	76	100mm C/C	11	1.10	919.60	Main Bar	0.889	817.42	
2	12	76	100mm C/C	11	1.10	919.60	Distrubuation	0.889	817.42	
For Columns										
1	12	38	100mm C/C	8	2.50	760.00	Main Bar	0.889	675.56	
2	8	38	100mm C/C	25	1.20	1140.00	Distrubuation	0.395	450.37	
Total Quantity of Steel In Kg's									4687.9	kgs
Total Quantity of Steel in Tonne's									4.69	Tonnes
Total Quantity of Steel Payable in this Bill in Tonne's									4.68	Tonnes

Contractor Representative

Assistant Engineer
Ward No 16

Asst. Executive Engineer
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Yeshwanthapura sub division
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BRUHAT BANGALORE MAHANAGARA PALIKE									
Name of Work:-Maintenance of Burial Ground In Bahubali Nagar In Ward No 16, BBMP,									
Measurement Sheet									
First and Final									
Item No:	5								
Item Name:	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift								
	CHAINAGE		L	B	BI	Avg B	D		
	Land Mark	NO	(m)	(m)	(m)	(m)	(m)	QTY	REMARKS
	For Footing								
		38	3.00				0.90	102.60	
	For Plinth								
		2	199.10				0.15	59.73	
Total Qty Work Done								162.33	Sqm
Qty Payable in this bill								162.33	Sqm

[Signature]
Contractor Representative

[Signature]
30/08/2020
Assistant Engineer
Ward No 16

[Signature]
30/08/2020
Asst. Executive Engineer
Sahayana Nagar Sub. Division
Yeshwanthapura Sub. Division
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BRUHAT BANGALORE MAHANAGARA PALIKE									
Name of Work:-Maintenance of Burial Ground In Bahubali Nagar In Ward No 16, BBMP,									
Measurement Sheet									
First and Final									
Item No:	6								
Item Name:	Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specification. Complete as per the direction of Engineer in Charge with all lead and Lift								
	CHAINAGE		L	B	BI	Avg B	D		
	Land Mark	NO	(m)	(m)	(m)	(m)	(m)	QTY	REMARKS
	For Column								
		38	1.36				2.50	129.20	
Total Qty Work Done								129.20	Sqm
Qty Payable in this bill								129.20	Sqm

Contractor Representative

Assistant Engineer
Ward No 16

Asst. Executive Engineer
Yeshwanthpur Subdivision
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BRUHAT BANGALORE MAHANAGARA PALIKE										
Name of Work:-Maintenance of Burial Ground In Bahubali Nagar In Ward No 16, BBMP,										
Measurement Sheet										
First and Final										
Item No:	7									
Item Name:	Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in Charge with all lead and Lift									
	CHAINAGE		NO	L (m)	B (m)	BI (m)	Avg B (m)	D (m)	QTY	REMARKS
	Land Mark									
	For Foundation									
	0.00	30.00	1	30.00	1.00	1.00	1.00	0.23	6.90	
	30.00	60.00	1	30.00	1.00	1.00	1.00	0.23	6.90	
	60.00	87.00	1	27.00	1.00	1.00	1.00	0.23	6.21	
	0.00	30.00	1	30.00	1.00	1.00	1.00	0.23	6.90	
	30.00	60.00	1	30.00	1.00	1.00	1.00	0.23	6.90	
	60.00	64.70	1	4.70	1.00	1.00	1.00	0.23	1.08	
	0.00	13.40	1	13.40	1.00	1.00	1.00	0.23	3.08	
	0.00	12.00	1	12.00	1.00	1.00	1.00	0.23	2.76	
	0.00	22.00	1	22.00	1.00	1.00	1.00	0.23	5.06	
	Step 2									
	0.00	30.00	1	30.00	0.80	0.80	0.80	0.40	9.60	
	30.00	60.00	1	30.00	0.80	0.80	0.80	0.40	9.60	
	60.00	87.00	1	27.00	0.80	0.80	0.80	0.40	8.64	
	0.00	30.00	1	30.00	0.80	0.80	0.80	0.40	9.60	
	30.00	60.00	1	30.00	0.80	0.80	0.80	0.40	9.60	
	60.00	64.70	1	4.70	0.80	0.80	0.80	0.40	1.50	
	0.00	13.40	1	13.40	0.80	0.80	0.80	0.40	4.29	
	0.00	12.00	1	12.00	0.80	0.80	0.80	0.40	3.84	
	0.00	22.00	1	22.00	0.80	0.80	0.80	0.40	7.04	
	Step 3									
	0.00	30.00	1	30.00	0.80	0.80	0.80	0.45	10.80	
	30.00	60.00	1	30.00	0.80	0.80	0.80	0.45	10.80	
	60.00	87.00	1	27.00	0.80	0.80	0.80	0.45	9.72	
	0.00	30.00	1	30.00	0.80	0.80	0.80	0.45	10.80	
	30.00	60.00	1	30.00	0.80	0.80	0.80	0.45	10.80	
	60.00	64.70	1	4.70	0.80	0.80	0.80	0.45	1.69	
	0.00	13.40	1	13.40	0.80	0.80	0.80	0.45	4.82	
	0.00	12.00	1	12.00	0.80	0.80	0.80	0.45	4.32	
	0.00	22.00	1	22.00	0.80	0.80	0.80	0.45	7.92	
	Step 4									
	0.00	30.00	1	30.00	0.75	0.75	0.75	0.45	10.13	
	30.00	60.00	1	30.00	0.75	0.75	0.75	0.45	10.13	
	60.00	87.00	1	27.00	0.75	0.75	0.75	0.45	9.11	
	0.00	30.00	1	30.00	0.75	0.75	0.75	0.45	10.13	

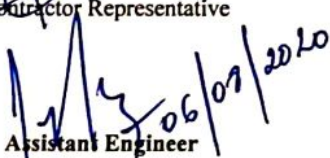
	CHAINAGE		NO	L	B	BI	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
next Need EXPAND	30.00	60.00	1	30.00	0.75	0.75	0.75	0.45	10.13	} cld 17/1/23
	60.00	64.70	1	4.70	0.75	0.75	0.75	0.45	1.59	
	0.00	13.40	1	13.40	0.75	0.75	0.75	0.45	4.52	
	0.00	12.00	1	12.00	0.75	0.75	0.75	0.45	4.05	
	0.00	22.00	1	22.00	0.75	0.75	0.75	0.45	7.43	
	Deduct		-38	0.90	0.75	0.75	0.75	0.90	-23.09	
	Total Qty Work Done								225.29 ✓	Cum
	Qty Payable in this bill								215.89 ✓	Cum

Contractor Representative

Assistant Engineer
Ward No 16

Assistant Engineer
Peshawar sub division
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BRUHAT BANGALORE MAHANAGARA PALIKE										
Name of Work:-Maintenance of Burial Ground In Bahubali Nagar In Ward No 16, BBMP,										
Measurement Sheet										
First and Final										
Item No:	8									
Item Name:	Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing Complete as per the direction of Engineer in Charge with all lead and Lift									
	CHAINAGE		NO	L (m)	B (m)	BI (m)	Avg B (m)	D (m)	QTY	REMARKS
	Land Mark									
	For Basement									
	0.00	30.00	1	30.00	0.45	0.45	0.45	0.40	5.40	ckd & k 1/1/20
	30.00	60.00	1	30.00	0.45	0.45	0.45	0.60	8.10	
	60.00	87.00	1	27.00	0.45	0.45	0.45	0.40	4.86	
	0.00	30.00	1	30.00	0.45	0.45	0.45	0.60	8.10	
	30.00	60.00	1	30.00	0.45	0.45	0.45	0.40	5.40	
	60.00	64.70	1	4.70	0.45	0.45	0.45	0.20	0.42	
	0.00	13.40	1	13.40	0.45	0.45	0.45	0.20	1.21	
	0.00	12.00	1	12.00	0.45	0.45	0.45	0.60	3.24	
	0.00	22.00	1	22.00	0.45	0.45	0.45	0.40	3.96	
	Deduct		-38	0.90	0.45	0.45	0.45	0.40	-6.16	
Total Qty Work Done									34.53	Cum
Qty Payable in this bill									33.57	Cum


 Contractor Representative

 Assistant Engineer
 Ward No 16


 Asst. Executive Engineer
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 Yeshwanthapura sub-division
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BRUHAT BANGALORE MAHANAGARA PALIKE										
Name of Work:-Maintenance of Burial Ground In Bahubali Nagar In Ward No 16, BBMP,										
Measurement Sheet										
First and Final										
Item No:	9									
Item Name:	Providing and constructing precast concrete solid blocks with compressive strength not less than 3.50 newton per sqmm with cement mortar 1 :4 (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x15x20cms. (LxBxH) conforming to I.S : 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing Complete as per the direction of Engineer in Charge with all lead and Lift									
	CHAINAGE		NO	L (m)	B (m)	BI (m)	Avg B (m)	D (m)	QTY	REMARKS
	Land Mark									
	For Solid Block Wall									
	0.00	30.00	1	30.00				2.50	75.00	
	30.00	60.00	1	30.00				2.50	75.00	
	60.00	87.00	1	27.00				2.50	67.50	
	0.00	30.00	1	30.00				2.50	75.00	
	30.00	60.00	1	30.00				2.50	75.00	
	60.00	64.70	1	4.70				2.50	11.75	
	0.00	13.40	1	13.40				2.50	33.50	
	0.00	12.00	1	12.00				2.50	30.00	
	0.00	22.00	1	22.00				2.50	55.00	
	Deduct		-38	0.23				2.50	-21.85	
Total Qty Work Done									475.90	Sqm
Qty Payable in this bill									475.90	Sqm

Contractor Representative

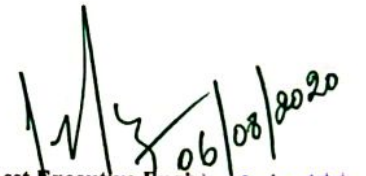
Assistant Engineer
Ward No 16

Asst. Executive Engineer
Yeshwanthapura sub division
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BRUHAT BANGALORE MAHANAGARA PALIKE									
Name of Work:-Maintenance of Burial Ground In Bahubali Nagar In Ward No 16, BBMP,									
Measurement Sheet First and Final									
Item No:	10								
Item Name:	Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift								
CHAINAGE		NO	L (m)	B (m)	BI (m)	Avg B (m)	D (m)	QTY	REMARKS
Land Mark									
For Basement									
0.00	30.00	2	30.00						
30.00	60.00	2	30.00				0.45	27.00	
60.00	87.00	2	27.00				0.45	27.00	
0.00	30.00	2	30.00				0.45	24.30	
30.00	60.00	2	30.00				0.45	27.00	
60.00	64.70	2	30.00				0.45	27.00	
0.00	13.40	2	4.70				0.45	4.23	
0.00	12.00	2	13.40				0.45	12.06	
0.00	22.00	2	12.00				0.45	10.80	
0.00	22.00	2	22.00				0.45	19.80	
Deduct		-76	0.90				0.45	-30.78	
Total Qty Work Done								148.41	Sqm
Qty Payable in this bill								148.41	Sqm


Contractor Representative


Assistant Engineer
Ward No 16


Asst. Executive Engineer
Yeswara Sub division
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BRUHAT BANGALORE MAHANAGARA PALIKE										
Name of Work:-Maintenance of Burial Ground In Bahubali Nagar In Ward No 16, BBMP,										
Measurement Sheet										
First and Final										
Item No:	11									
Item Name:	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift									
	CHAINAGE		NO	L (m)	B (m)	BI (m)	Avg B (m)	D (m)	QTY	REMARKS
	Land Mark									
	For Plastering									
	0.00	30.00	2	30.00				2.50	150.00	} <i>cltd 58</i> <i>11/18</i>
	30.00	60.00	2	30.00				2.50	150.00	
	60.00	87.00	2	27.00				2.50	135.00	
	0.00	30.00	2	30.00				2.50	150.00	
	30.00	60.00	2	30.00				2.50	150.00	
	60.00	64.70	2	4.70				2.50	23.50	
	0.00	13.40	2	13.40				2.50	67.00	
	0.00	12.00	2	12.00				2.50	60.00	
	0.00	22.00	2	22.00				2.50	110.00	
	Total Qty Work Done								995.50	
	Qty Payable in this bill								995.50	Sqm

Contractor Representative

Assistant Engineer
Ward No 16

Ass. Executive Engineer
Yeshwanthapura sub division
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BRUHAT BANGALORE MAHANAGARA PALIKE										
Name of Work:- Maintenance of Burial Ground In Bahubali Nagar In Ward No 16, BBMP,										
Measurement Sheet										
First and Final										
Item No:	12									
Item Name:	Providing and finishing external walls in two coats with waterproof cement paint with primer of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications with primer. Complete as per the direction of Engineer in Charge with all lead and Lift									
	CHAINAGE		NO	L (m)	B (m)	BI (m)	Avg B (m)	D (m)	QTY	REMARKS
	Land Mark									
	For Plastering									
	0.00	30.00	2	30.00						
	30.00	60.00	2	30.00				2.50	150.00	
	60.00	87.00	2	27.00				2.50	150.00	
	0.00	30.00	2	30.00				2.50	135.00	
	30.00	60.00	2	30.00				2.50	150.00	
	60.00	64.70	2	4.70				2.50	150.00	
	0.00	13.40	2	13.40				2.50	23.50	
	0.00	12.00	2	12.00				2.50	67.00	
	0.00	22.00	2	22.00				2.50	60.00	
								2.50	110.00	
Total Qty Work Done									995.50	Sqm
Qty Payable in this bill									995.50	Sqm

[Signature]
Contractor Representative

[Signature] 06/07/2020
Assistant Engineer
Ward No 16

[Signature] 06/07/2020
Asst. Executive Engineer
Keshavnagar sub division
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